

RUSSIA, Z.
//REMI. LENTY//
---/1973, V---, R0001.
Electrolytic Metal Plating in Molten Salts. II.
Zinc Plating.
pp 50-52, REMI 1100220

Konvichny, J.

Optimum Speed Rates in Primary Reversing Mills.

HUTN LISTY, 1973, Vol. 28, No. 2, pp. 99-104.

BISI 11851

Dedek, V.

Cold Workability, Annealing and Properties of
Higher-Carbon Strip Steels.

HUTN LISTY, 1973, Vol. 28, No. 2, pp. 104-113.

* BISI 11852

Papcun, J.

Effect of technological Conditions of "R-value"
Alterations.

HUTN LISTY, 1973, Vol. 28, No. 2, pp. 128-132.

* BISI 11854

BRADY, J.
//RESEARCH LIST//
--/--/1972, 1973, 1974,
Non-Uniform Distribution of Burden in Blast Furnace
Top Circumference and its Calculation,
pp 150-161, BISI 110000

VILKIN, V.
//REFERENCE LIST//
---/---/1973, V---, 3.00003.
Elastic-plastic Properties of Al₂O₃ Layered,
pp 168-169, NIST 11956, C

KUBENA. J.
//HUTN. LISTY//
--/-/1973, V----, N0003
Dynamic model of arc furnace charge melting
pp 170-176 BISI 11857##

RESEARCH IN MICROCLEANNESS OF STEELS REMELTED
BY ELECTROSLAG PROCESS

KASIK, IVAN

LANGUAGE-CZ COUNTRY-CZ

HUTNICKE LISTY, #3, 1973, PP 176-82.

FSTC-HT-23-0298-74

ZIDER, J.
//BUTTERICK TEST//
---/---/1973, V----, 100008,
Model Research in Roll Loss Design of Section Mills,
pp 108-109, NINT 1105000

RESOLUTION, 1.
//---. LIST//
--/--/1972, 1973, 1974,
The Behavior of Austenitic Stainless Steels in
Cold Elastic Deformation,
IN 197-100, 1971 112500

Janda, E. et al.

Effect of texture perfectness on magnetic properties
of transformer sheet.

HUTN. LISTY, 1973, Vol. 28, No. 3, pp. 202-209.

*BISI 11860.

Sebek, F.

Effect of inclusions on gloss texture perfectness
in transformer steel.

HUTN. LISTY, 1973, Vol. 28, No. 3, pp. 209-214.

* BISI 11861

STEJSKAL. E.

//HUTNICKE LISTY//

--/--/1973, V----, N0003

Possible reduction of decarburization on depth
in spheroidizing annealing of wires with a
higher carbon content

pp 214-219 BISI 11862##

CHIEF, T.
//INT. INFO//
--/--/1972, N-----, 10000,
Date of Theory of Direct Reduction,
in 300-300, 1000 100000

GLATZ. B."

//HUTN. LISTY//

--/--1973, V----, n0006

Structural steels having higher resistance to
atmospheric corrosion

pp 412-418 BISI 11866##

Puskar, A. and ~~Pearr~~, B.

Tempering hardened antifriction bearing steel
in ultrasonic field.

HUTN LISTY, 1973, Vol. 28, No. 6, pp. 421-425.

* BISI 11867

Foldyna, F. et al.

Methods for evaluating heat-resisting steel properties
and the dependability for extrapolation.

HUTN LISTY, 1973, Vol. 28, No. 6, pp. 426-430.

*BISI 11868

KUMOROVA, L.
//HUTNICKE LISTY,/
--/--/1973, V----,N0008,
Vacuum refining technique for removal of
impurities from copper,
pp 577-582, *BISI 12425@@

Minarik, J.

The Course of the Rolling Stock Temperature on
Continuous Section Rolling Mills.

HUTNIK, 1972, No.6, pp.213-217.

BISI 11043

Stybło, K.

Effect of Dynamic Load on the Change in Reversible Deformation of Roll Stand and the Accuracy of Rolled Product.

HUTNIK, 1972, No.11, pp.428-430.

BISI 11262.

F. Stebel

Compressed Sand for Lining Ladles.

HUTNIK. PRAGUE, Vol 9, No 4, 1959, pp 129-132.

BISI-72-60848-11F

Feb 1973

M. REDR

Heat Losses in the Lining of Industrial Furnaces.
HUTNIK, PRAGUE. Vol 21, No 6, pp 226-231, 1971.
BISI 9962

Mar 73

Protiva, K.

Investigations into the Weldability of New Types of
Austenitic Corrosion-Resistant Steels

MECHAN. PRAGUE, v. 22, n. 4, 1972, p. 123-128

VR 02/72

Engst, A.

The effect of heat treatment on the
properties of high-speed tool steels.
HUTNIK. PRAGUE, 1972, pp 347-355, v. 22,
n. 9.
VER VR/111/72.

Peluta, F.

Thermomechanical Treatment of Steels

INŽEN. PRACUJ, v. 22, n. 3, 1972, p. 297-299

VER VII/100/77

Zacharzewski, B.

Regeneration of Constituents of Sintered Carbide Scrap.

HUTNIK, 1953, Vol.20, No.3, pp.83-93.

BISI 8581

Mathematical Analysis of the Behavior of Forging Dies
Made of Bainitic Steel Containing Baron, by
S. Kowalczyk, 11 pp.
GOVERNMENT USE ONLY
HUTNIK, Vol 36(1), 1969, pp 30-35.
ARM/FSTC/HT-23-486-71

Maslanka, A.

The Importance of Coarse-Grained Components of a
Sinter Mixture as Pellet Nuclei at the Initial
Pelletizing.

HUTNIK, 1969, Vol. 36, No. 2, pp. 57-62

BISI 10727

Kopcaj, A.

Marking Materials in Rolling Mill Plants.

HUTNIK, 1970, No. 11, PP.420-3.

BISI 9686

Klimek, J.

An Index for Furnace Comparisons.

HUTNIK, Vol. 37, No. 9, 1970, pp. 438-444

BISI 11652

Kowalewski, M.

Laboratory tests on the effect of initial heating of the mixture on the agglomeration process.

HUTNIK. KATOWICE, 1971, pp 131-137, v. 38, n. 3.

NTC 73-12289-11F.

NLL RTS 7174.

1. Brhacek

Continuous Control of Sinter Quality.
HUTNIK, 7/8, pp 248-250, 1971.
BISI 9955

apr 73

Buzek, Z.

A comparison between acid and basic arc furnaces.
HUTNIK, No 7-8, 1971, pp 260-265
BISI trans 9958

Mazanek, E.

Examination of sinter properties by the linder method.
HUTNIK. KATOWICE. v. 38, p. 321-325, 1971

CRL T 5074

Trojka, D.

Operational Pre-Conditions for Adopting Automatic Sinter Quality Control.

HUTNK, 1971, No.11, pp.396-401.

BISI 10295

Urbanec, M.

Experience with Antipiping Compounds at the
Trinec Iron and Steel Works.
HUTNIK, 1971, No. 12, pp.452-456.
BISI 10533

Wiesner, F.

Lubrication and Cooling in the Cold Rolling of
Steel Strip.

HUTNIK, 1971, No. 12, pp.458-462.

BISI 10535

Trojka, D.

Stabilizing the Chemical Analysis of Sinter. R
Results Achieved at VZKG and Other Sintering
Plants.

HUTNIK, 1971, Vol.21, No.2, pp-.41-48.

BISI 9334

Vojkovsky, J.

Roll Pass Design for Rolling Ue-Beams.
HUTNIK, 1971, No.6, pp.221-225.

BISI 9961

Rusnar, J.

A Contribution to the Metallurgy of LD Process in
VSZ Steel Plant
HUTNIK, 1972, Vol. 7, pp 256-258
BISI 11646

Tichopadova, E.

The Effect of Lead, Selenium and Tellurium
Additions on Environmental Air and Human Health
HUTNIK, 1972, No. 8, pp. 287-288
BISI 11052

Jelc, I. et al

Possibilities of Reducing the Ingo Consumption
Mould.

HUTNIK, 1972, Vol.9, pp.331-335.

BIS 11647

A Study of Blast Furnace Cooling Plates, by S. Piekutowski.

HUTNIK, 1972, Vol 39, No 1, pp 1-5.

BISI 10856

April 73

Tejzr, L.

Rectification of the Coke Volume Mass According
to the Moisture Content of the Coke Charge. Its
Influence upon Blast Furnace Smelting.
HUTNIK, 1972, No.1, pp.4-8.
BISI 10537

J. Petrov

Transfer of Deep-Drawn Steel Manufacture
With Less Than 0.10% Free Open-Hearth and Manganese
Furnaces to Tandem Steelmaking Units.

IUZNIK, No 1, 1972, pp 9-12.

BEST 20,30

Sept 73

Peknica, P.

Economy of Cast Steel Rolls Used in Continuous
Billet Mill in NHKG Steel Works.
HUTNIK, 1972, No.1, pp.19-22.

BISI 10540

D. ~~██████~~ *Trojka*

Checklist, Operational Checklist, Production
of Slides With Film for Bureaucracy.
HUTNIK, No 2/3, 1972, pp 49-51.
EISI 1091.

Sept 1973

Borsky, B. et al

Experience with the Manufacture of Mild Killed Steels in Tandem Furnaces.

HUTNIK, 1972, Nos.2/3, pp.55-60.

BISI 10921

Nikolski, V.

Mathematical Simulation of the Steelmaking Process.

HUTNIK, 1972, No.2-3, pp.60-63.

BISI 10922

Styblo, K.

Present Developement of Continuous Mill Trains
for Cold Rolling Soft Plain Carbon Steel Strips.
HUTNIK, 1972, Vols.2/3, pp.64-69.
BISI 10923

Jedlicka, J.

A New Method of Roll Pass Design in the Bloom-
ing Mill.

HUTNIK, 1972, Nos.2/3, pp.69-76.

BISI I0924

Trojka, D.

Effect of Cooler Type on Sinter Quality.
HUTNIK, 1972, No. 4, pp.99-103.

BISI 10912

A. RICH

Casting Steel Under Controlled Pressure.

HUNTER, ~~W~~W, 1971, pp 103-108.

DISC 10-13

AM 75

Ruzicka, B.

Steel Producers Requirements for Lime Used in
Steelmaking.

HUTNIK, 1972, No.4, pp.113-115.

BIST 10914

K. Probira

Evaluation of the Weldability of New Types of Austenitic
Corrosion Resistant Steels.

HUMPHREY, ~~WILLIAM~~, 1972, pp 123-124.

BEST 10:17

AN 10:17

Mrajsca, V.

Automation in the Principal Metallurgical Shops
of the Trinec Iron and Steel Works.
HUTNIK, 1972, No. 4, pp.129-130.
BISI 10918

Madaj, J. et al

Optimalisation in Calibrating Rollers of Oblique
Piercing Rolling Mills.

HUTNIK, No.3, pp.143-154.

BTST 15790

Vesely, R.

New System for Checking the Technology of a Blast-Furnace Process

HUTNIK, 1972, (5), pp 153-156

BISI-11038

Maroszczyk, V.

New Shape of Teeming Nozzle for Steel Teeming
from Ladles with a Capacity of 240t.
HUTNIK, 1972, No. 5, pp.168-172.

BISI 11039

RAMONE, Z.
//ATTN//
--/--/1978, V-----, 17000,
1036 Ramona Ave Industrial Division,
At 100-10, 100-1000

Pétreš, J. et al.

New Knowledge on Raw Materials Charged into Tandem
Furnaces

HUFEIK, 1972, (6), pp 209-211

BISI-11042

Pavelka, J.

Rating the Efficiency of Strip Processing Lines.
HUTNIK, 1972, No.6, pp.218-220.

BISI 11044

K. Rina

Utilization of Metallurgical Drug Materials.

HUENIK, No. 1, 1972, pp 221-227.

BISI 11349

Sept 73

Smid, L. et al

Application of Simulation in the Organisation
of Steel Plant Operation.

HUTNIK, 1972, No.6, pp.228-232.

BISI 11046

Trojka, D.

Effect of Irregular Bedding of Raw Materials
on the Results of Multi-Component Homogenis-
ing of Iron Ores.

HUTNIK, 1972, No. 7, pp.244-248.

BISI 11047

Schmidt, H.

Fettling of Blast-Furnace Shaft By Guniting.
HUTNIK, 1972, No.7, pp.248-252.

BISI 11048

Bedrich, J.

Long-Term Measurement of Bath Temperature in
50 t Open-Hearth Furnace.

HUTNIK, 1972, No.9, pp.336-338.

BISI 11071

Sotola, F. et al

Cleaning of Tandem Furnace Waste Gases.
HUTNIK, 1972, Vol.10, pp.371-376.
BISI 11026

Kepka, M.

The Present State and the Prospects of Electro-
slag Remelting of Steels and Alloys.

HUTNIK, 1972, Vol.10, pp.377-379.

BISI 11027

Pesat, V.

Protection of Blast Furnace Auxiliaries from
Burn-Off and Wear During Furnace Operation.
HUTNIK, 1972, No.10, pp.389-393.

BISI 11028

Mutina, Z.

Hutnik, 1972, Vol.22, No.11, pp.420-7.

#BISI 11261

Measurement and measuring instruments
in plate Rolling mills

Styblo, K.

HUTNIK, 1972, No.11, pp.428-30.

*BISI 11262

ELECTROSLAG REFINING OF CZECH STEEL

KROUCINSKI, M.

LANGUAGE-PU

COUNTRY-PU

HUTNIK, VOL. 33, NO. 11, 1972, PP. 532-9

FSTC-HI-2J-1523-73

Cervený, E. et al

Present Possibilities in Czechoslovakia for
Rolling 1000 Millimetres Wide Steel Bands Made
of Austenitic Stainless Steel Grades.

STAVKA, 1972, No.12, pp.452-457.

BEST 11386

Smid, V. et al

HUTNIK, 1972, 12 pp 462-466

4-BISI 11387

July 1973

Kuth, Jozef

New Pipe Drawing Mill at Sverma Ironworks in
Podbrezova, 7 pp.

GOVERNMENT USE ONLY

HUTNIK, Prague, No 4, Apr 73, pp 144-146.

JPRS/L 4599

Aug 73

NON METALLIC INCLUSION IN BEARING STEEL AFTER
SINGLE AND DOUBLE ELECTROSLAG REF.

complete 19/10/73
KRUCINSKI, M., LANGUAGE-PU COUNTRY-PU

HUTNIK, NO 6, 1973, 261-67

FSTC-HT-23-0657-74

INFLUENCE OF CHEMICAL COMPOSITION AND TEMPERA
TURE ON OXYGEN SOLUBILITY IN MULTI

MAMRO, K., ANIO LANGUAGE-PO COUNTRY-PO 13/6/6

HUTNIK, NO 6, 1973, 267-70.

FSTC-HT-23-0658-74

Dekanovsky, Alexander

Newly Developed Steels at East Slovakia
Ironworks in Kosice, 13 pp.

GOVERNMENT USE ONLY

HUTNIK, Prague, No 3, Mar 74, pp 100-105.

JPRS/L 4908

201 24

JASINSKY. Z.

//HUTNIK//

--/--/1974, V0024, N----

Development of oxygen steelmaking lances for
tandem furnaces at VZKG

pp 8-15 *BISI 12598##

HAVLIK. V.
//HUTNIK//
--/--/1974, V0024, N0001
New refractory bricks applied at VZKG
pp 16-18 *BISI 12594##

JANCARIK. J.

//HUTNIK//

--/--/1974, V0024, N0001

A modern rolling mill for wire drawing

pp 23-30 *BISI 12595##

Tables of Contents and Abstracts from DPRK
Academy of Sciences Publication 'Hwahak Kwa
Hwahak Kongop' (Chemistry and Chemical
Industry), 15 pp.
HWAHAK KWA HWAHAK KONGOP, Pyongyang, Nos 3,
4, 5, 6, 1972.
JPRS 59475

KALBE, L.

//HYDROBIOLOGIA//

--/--/1973,V0042,N0001, pp 0021-0029

The variability of stephanodiscus hantzschii

grun

NTC 74-13827-06C

#

Guinnet, M. et al

Contribution to Sampling and Determination of
Hydrogen in Liquid Steel.

L'Hydrogen dans les Metaux", Vol. 1, pp.1-9.

BISI 10953

V.I. Rosenberg

Scattering and Attenuation of Electromagnetic
Radiation by Atmospheric Particles.

Hydromat Press, Leningrad, USSR, 1972. 348pp.

*NTIS-TT-73-58013

Apr 73

Fristedt, B.

*Health hazards from automobile exhausts at service
facilities of multistory garages.*

HYGIENISK REVY, Vol 60, 1971, pp 112-118

NTC 73-14651-06J

Nakagawa, Y.

Damage to plants caused by fluorides contained in the exhaust gas from glazed tile factories.

HYOGO-KEN KOGAI KENKYUSHO HOKOKU, V. 2, p. 11-17, 1971

NTC 73-11010-02D

Hitokatse, M.

*Concerning Methods of Measuring Suspended Particulates
in the Atmosphere*

HYOGO-KEN KOGAI KENKYUSHO HOKOKU, n. 3, 1972, pp. 1-7
NTC 73-12458-13B

JAPANESE

6-00
L-4913

181 1/2

CSO: 8329/1240
8 Jan 74

Unusual weather and environmental ~~at~~ pollution,
by Tadashi Asakura.

Tokyo, I Jokisho to kankyo-osen, 1972, pp 1-216.

Please publish - include reproductions.
Please provide JPRC ~~with~~ AG Poc with two copies of
the published report.

Internationalization of Economic Activity
to Benefit GDR, by Jochen Nitz, 6 pp.
GERMAN, per, IPW Berichte, East Berlin,
Jan 73, pp 2-8.
JPRS 58523

Apr 73

Klein, Peter

GDR Journal Discusses Problems of Disarmament,
13 pp.

IPW-BERICHT, East Berlin, May 73, pp 17-23.
JPRS 59733

Sep 73

Klein, Peter

Current State and Prospects of Military-Political
Integration in Western Europe.

14 pp

IPW-BERICHT, East Berlin, Vol 2, No 10, Oct
1973, pp 20-28.

JPRS 60664